

Title (en)

Device for swallowing powder granular or granulated substances

Title (de)

Vorrichtung zum einnehmen von pulverförmigen, körnigen oder granulatformigen Substanzen

Title (fr)

Dispositif pour ingérer des substances pulvérulentes, granuleuses ou granulées

Publication

EP 1590027 B1 20090909 (DE)

Application

EP 03795767 A 20031219

Priority

- DE 0304194 W 20031219
- DE 10300032 A 20030103

Abstract (en)

[origin: US2006180148A1] A device for taking powdered substances has a storage receptacle and a supply tube having a first end for dispensing the substances and a pivotably supported second end that has a unitary cylinder wall pivotably mounted on a stationary cylinder body having a through bore. The supply tube is pivotable back and forth between a first position of non-use and a second position of use. In the first position, the substance is air-tightly closed off in the storage receptacle. In the second position, the substance enters the supply tube. The unitary cylinder wall has a through opening. The supply tube has an inner opening. In the first position, the inner opening of the supply tube and the through opening of the unitary cylinder wall do not communicate with the through bore of the cylinder body; in the second position, they communicate with the through bore of the cylinder body.

IPC 8 full level

A61M 15/00 (2006.01); **B67D 99/00** (2010.01)

CPC (source: EP US)

A61M 15/0023 (2014.02 - EP US); **A61M 15/0065** (2013.01 - EP US); **A61M 2202/064** (2013.01 - EP US)

Cited by

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2006180148 A1 20060817; **US 7591264 B2 20090922**; AT E442175 T1 20090915; AU 2003298075 A1 20040729; DE 10300032 B3 20040527; DE 10394178 D2 20051117; DE 50311905 D1 20091022; DK 1590027 T3 20100104; EP 1590027 A1 20051102; EP 1590027 B1 20090909; WO 2004060458 A1 20040722

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